

	SEM/ EDS Observation	Staining		Biochemical Analysis		Gene Expression Analysis
		ALP	Alizarin Red	OC	Ca	mRNA
Day	0 and 14	14	14	8 and 14	8 and 14	14
Technical Replication	1	1	1	6	6	3
Biological Replication	1	3	3	3	3	3